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Sent: 11/29/2019 11:08:26 AM

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Subject: SPOT Forecast for TPC Fire: 5 am Fri 11.29.19

Attachments: Spot Forecast for TPC Plant Fire 5 am Fri 11.29.19 .pdf

Here is the latest Spot weather forecast for the TPC fire incident. It was generated at 4:52 am CDT Friday 11.29.19. A link will be provided to see the spot forecast on the NWS website below. A PDF file is also attached to this email with the spot forecast. Also, a copy of the Spot forecast will be pasted on this email.

Thanks,

Joe Rua Lead Forecaster NWS Lake Charles

https://forecast.weather.gov/product.php?site=NWS&product=FWS&issuedby=LCH

Spot Forecast for TPC Plant Fire...Golden Triangle IMT National Weather Service Lake Charles LA 452 AM CST Fri Nov 29 2019

Forecast is based on forecast start time of 0600 CST on November 29. If conditions become unrepresentative...contact the National Weather Service.

Please contact our office at (337) 477-5285, if you have questions or concerns with this forecast.

.DISCUSSION...

A warm front will move across the region today with winds becoming more from the southeast and increasing late in the morning and afternoon. A few light showers with patchy fog can be expected in the morning. A cold front will move across on Saturday evening. Southerly winds will increase ahead of the front on Saturday with an increasing chance of showers and thunderstorms during Saturday afternoon.

.TODAY...

Sky/weather.......Mostly cloudy (80-90 percent). Patchy fog early in the morning. Slight chance of showers in the morning.

Max temperature....Around 73.
Min humidity.....79 percent.

Surface winds.....Southeast winds 7 to 10 mph.

Mixing height.....300-900 ft AGL.

Transport winds.....Southeast 9 to 18 mph.

TIME (CST)	6 AM	8 AM	10 AM	NOON	2 PM	4 PM
Sky (%)	79	80	80	79	84	86
Weather cov	S CHC	S CHC	S CHC			
Weather type	RN/FG	RN/FG	RNSHWR	NONE	NONE	NONE
Tstm cov	• •					
Temp	65	66	69	72	73	72
RH	90	90	84	79	79	79

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Surface wind.... E 8 E 9
                           SE 10 SE 13 SE 11 SE 10
Surface wnd gst.12
                   13
                           15
                                 17
                                        16
Mix hgt (ft)....300 400
                           600
                                  900
                                        800
                                              700
Transport wind..E 9 E 10 SE 14 SE 17 SE 17 SE 14
.TONIGHT...
Sky/weather.....Cloudy (85-95 percent).
Min temperature....Around 66.
Max humidity......100 percent.
Surface winds.....South winds 8 to 9 mph.
Mixing height.....200-300 ft AGL.
Transport winds.....South 8 to 12 mph.
             6 PM
TIME (CST)
                       9 PM
                                MIDNGT
                                          3 AM
Sky (%).....89
                       93
                                 94
Weather cov....
Weather type....NONE
                       NONE
                                 NONE
                                          NONE
Tstm cov.....
                                 67
                                          67
Temp......70
                       68
RH.....81
                       90
                                 97
                                          100
                       SE 10G15 SE 11G16 S 10G15
Surface wind....SE 9G13
Mix hgt (ft)....300
                      200
                                200
                                          200
                      SE 10
                                SE 12
                                         S 9
Transport wind..SE 10
.SATURDAY...
Sky/weather......Mostly cloudy (75-85 percent). Chance of
                  showers in the morning, then showers likely in
                  the afternoon.
Max temperature....Around 78.
Min humidity......76 percent.
Surface winds.....Southwest winds 8 to 14 mph.
Mixing height.....200-800 ft AGL.
Transport winds.....South 9 to 18 mph shifting to the southwest 17
                 to 20 mph early in the afternoon.
              6 AM
TIME (CST)
                     8 AM
                           10 AM NOON
                                        2 PM
                                              4 PM
                    79
Sky (%).....79
                           83
                                  72
                                        83
Weather cov..... CHANCE CHANCE CHANCE LIKELY LIKELY
Weather type....RNSHWR RNSHWR RNSHWR RNSHWR RNSHWR
                                 S CHC S CHC S CHC
Tstm cov.....
                           72
Temp.....66
                     68
                                  76
                                        77
                                              75
RH.....100
                    100
                           87
                                 79
                                        76
                                              82
Surface wind....S 9 S 11
                           S 15
                                 S 18
                                        SW 18
                                              SW 18
                  16
Surface wnd gst.13
                           21
                                 24
                                        24
                                              24
                  300 500
S 12 S 15
Mix hgt (ft)....200
                                 800
                                        700
```

s 17

S 20

SW 18

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Forecaster...RUA

Transport wind..S 9

Requested by...Tristan Barnes

Type of request...HAZMAT

.TAG 1919435.0/LCH

.DELDT 11/29/19